BRUHAT BANGALORE MAHANAGARA PALIKE

Name Of Work:- Construction of R C C Drains Abbigere Dinne Chikkasandra in Ward No.17 (SCP/TSP Works Block No 24)

Sl No	Description	Unit	No	Length	Width	Depth	Qty	Rate	Amount
1	Earth work excavation by manual means for drains,canals and similar works in all kinds of soils , as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, re- moval of stumps and other deleterious matter, excavated surface lev- eled and sides neatly dressed disposing off the excavated stuff or sort- ing & stacking the selected stuff for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools & other appurtenaces required to complete the work.**In all kinds of soils Depth upto 1.5 m** (PWD,CSR 2023-24. Vol -1, Pg No-5, I. No-1.4.1)								
	For Drain Work	**Cum**	2	75.70	0.90	0.90	122.64		
	Basic Rate	242.00					**122.64**	**266.20**	**32647.00**
	Add 10% Area weightage	24.20							
	Total	**266.20**							
2	Providing and laying in position plain cement concrete for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork shall be paid separately) **Mix 1:3:6 Using 40 mm** nominal size graded crushed coarse aggregates(PWD,CSR 2023-24. Vol -1, Pg No-15, I. No-2.1.3)								
		Cum	2	75.70	0.90	0.15	20.44		
	Basic Rate	5989.00					**20.44**	**6587.90**	**134650.00**
	Add 10% Area weightage	598.90							
	Total	**6587.90**							
3	Providing and laying in position Reinforced cement concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necesary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes , labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork to be paid separately)**M20 Design Mix Using 20 mm and down size graded crushed coarse aggregates** (PWD,CSR 2023-24. Vol -1, Pg No-16, I. No-2.4.2)								
	Drain Btm	**Cum**	2	75.70	0.90	0.15	20.44		
	Walls		4	75.70	0.15	0.60	27.25		
	Basic Rate	6323.00					**47.69**	**6955.30**	**331705.00**
	Add 10% Area weightage	632.30							
	Total	**6955.30**							
4	Appendix I – Additionalities for Formwork, Centering & Scaffolding 3.**Foundation, Sub structure of Cross drainages 5%**(PWD,CSR 2023-24. Vol -1, Pg No-111, S. No-3)								
	Basic Rate	6323.00	Qty Vide Item no 3				**47.69**	**347.77**	**16585.00**

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* Formwork, Centering & Scaffolding5%	316.15							
Add 10% Area weightage	31.62							
	347.77							
Supplying, fitting and placing TMT FE 550 / 550D Steel Reinforcement including cost of all materials, machinery, labour, cleaning, straightening, cutting, bending, hooking, laping/welding oints, tying with binding wire / soft annealed steel wire and other ancilary operations complete s per drawing and technical specification (PWD,CSR 2023-24. Vol -1, Pg No-18, I. No-2.11.h) All ther type of structures								
.M.T steel for reinforcement (45Kg/Cum)		1	47.69	45.00		2144.90		
	MT		tonne	2144.90	/1000=	2.14		
Basic Rate	79011.00					2.14	86912.10	186417.00
Add 10% Area weightage	7901.10							
Total	86912.10							
roviding and laying 100mm thick pre-cast cover slabs over Existing Drain using M20 concrete einforced slabs jointed in CM 1:3 proportion and nicely finished Including providing holes in ne Cover slabs wherever necessary for easy drainage of surface water including: of labour, aterials, machinery,lead and lift charges etc, Complete.								
	Sqm	2	75.70	0.90		136.26		
						136.26	2072.00	282331.00
Data Rate	2072.00							
oading and Unloading of Stone Boulder/ Stone aggregates/Sand/Kankar/Moorum. (Tipper 10 3) complete as per directions of Engineer-in-charge.(PWD,CSR 2023-24. Vol -3, Pg No-5, I. No-1)								
	Cum	Qty vide Item No 1+2				122.64		
Basic Rate	119.00					122.64	130.90	16054.00
Add 10% A.W	11.90							
Total	130.90							
ost of Haulage Excluding Loading and Unloading Case-1 : Surfaced Road (Taking output 10 onnes load and lead 10 km = 100 t.km) complete as per directions of Engineer-in-harge.(PWD,CSR 2023-24. Vol -3, Pg No-3, I. No-1.4A)								
0 Km X 1.28t of item No 7	T/km	1	10.00	122.64	1.28	1569.79		
Basic Rate	12.00					1569.79	13.20	20721.00
Add 10% A.W	1.20							
Total	13.20							
							SUB TOTAL	1021110.0
							Add Tender Primium charges @ 5%	51055.5
							GST 18%	192989.7
							Micelleneous and rounding off	2844.7
							TOTAL	1268000.

ification

e workspot was inspected and works is found to be necessary.

e area comes within the Bruhat Bangalore Mahanagara Palike limits.

e rates adopted based on the PWD SR,Bangalore circle for year 2023-24

Assistant Engineer

Asst. Executive Engineer

Executive Engineer

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ADMINISTRATIVELY SANCTIONED FOR

(Rupees Twelve lakhs Sixty Eight Thousand only [12.68 lakhs]

Under the Head of Account P-1878 SCP-TSP [24.10.4]

Registered as no EE(D.D.)/AS. 42/2023-24 Subject to conditions contained in Enclosed Memo No: EE/DD/AS/42/2023-24 Dt: 06/02/2024

Exe. 06/02/2024

AE. (DASARAHALLI)

Technically Sanctione for Rs. 12.68 Lakhs

Rs In words Twelve lakhs Sixty Eight Thousand only

Under P-1878 SCP-TSP [24.10.4]

Job Code No

Registered as GE No: 21/2023-24. Subject conditions contained in Enclosed Memo EE/DD/TS/21/2023-24. Dt. 06/02/2024

06/02/2024

Executive Engineer

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